

as at FIGURE 2. Any desired reinforcements, such as plates 67A, 67B and 67C, can be optionally installed. The strike hardware is installed. Spacing blocks 68 are then added, followed by insert 70, or multiple inserts or insert elements, as desired, thus to generally add rigidity to the resultant jamb assembly. The resulting strike jamb assembly is then assembled to a respective hinge jamb assembly 18, a header jamb 20, and threshold 22 as desired, to form a resultant door assembly. In general, the header jamb 20 includes only the metal jamb base corresponding to strike jamb 16 or hinge jamb 18, but without the hinge or strike reinforcements. Accordingly, the header jamb does not include an insert 70 in the illustrated embodiments. However, an insert 70, and optionally corresponding block or blocks 68, can be used in the header jamb if and as desired. --

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A jamb assembly, adapted for use in a door frame, and comprising:

- (a) a) an elongate jamb having a length, and comprising an inner flange (28) having a first proximal edge and a first distal edge, an outer flange (30) having a second proximal edge and a second distal edge, and a jamb face plate (32) extending between said inner flange at the said first proximal edge and said outer flange at the said second proximal edge, said elongate jamb defining an elongate cavity therein extending along the length of said elongate jamb, and extending from at or adjacent an inner surface of said jamb face plate to an elongate opening proximate the said first and second distal edges of said inner and outer flanges, the elongate opening being defined along the length of said elongate jamb between said inner and outer flanges; and
- (b) b) a plurality of spaced apart spacing blocks positioned in said elongate jamb adjacent to said inner surface of said jamb face plate, each of said spacing blocks having a width extending from said inner flange to said outer flange;

- c) a plurality of spaced apart reinforcement plates secured to said inner surface of said jamb face and aligned longitudinally between said plurality of spaced apart spacing blocks; and
- d) ~~as a separate and distinct element, at least one~~ an elongate reinforcing insert, having a length and a width, the width of said insert being less than the width of each of said plurality of spacing blocks, said insert received in the said elongate cavity and extending at least to the said elongate opening so as to cover both said plurality of spaced apart spacing blocks and said plurality of reinforcement plates, said reinforcing insert operating to increase stiffness of said jamb assembly.

2. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 1 wherein said elongate reinforcing insert ~~interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced points at a given locus along the length of said elongate jamb~~ each of said plurality of spaced apart spacing blocks has a planar surface and said elongate insert has a planar surface and said planar surface of said elongate insert contacts said planar surface of each of said plurality of spaced apart spacing blocks.

3. (Currently amended) ~~The A jamb assembly as in Claim 4~~ of claim 2 wherein said planar surface of each of said plurality of spaced apart spacing blocks faces away from said inner surface of said jamb plate and said elongate reinforcing insert interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced locations along substantially all of the common lengths of said insert and said jamb.

4. (Currently amended) ~~The A jamb assembly as in Claim 4~~ of claim 3 wherein a width of said elongate reinforcing insert located between a first element portion of said inner flange and a first element portion of said outer flange extends a distance "D" generally aligned with said inner and outer flanges, thereby filling a substantial portion of the said elongate cavity between said jamb face plate and the elongate opening.

5. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 1 wherein said elongate insert fills substantially all the space in the said cavity between ~~an element~~ a portion of said inner flange and ~~an element~~ a portion of said outer flange, and fills a substantial portion of all the space between the elongate opening and said jamb face plate.

6. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 4, and including a void space in the said elongate cavity located between said elongate insert and a second ~~element~~ portion of at least one of said inner flange and said outer flange.

7. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 5, and including a void space in ~~the~~ said elongate cavity located between said insert and a second ~~element~~ portion of at least one of said inner flange and said outer flange.

8. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 1, further ~~comprising at least first and second~~ wherein said plurality of spaced apart spacing blocks ~~(68) include at least three spacing blocks~~ disposed between said elongate insert and said jamb face plate.

9. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 8, wherein said plurality of spaced apart spacing blocks collectively providing a mounting surface which receives a corresponding surface of said elongate insert and each of said plurality of spaced apart spacing blocks contact said inner surface of said jamb plate and a portion of said inner and outer flanges.

10. (Currently amended) ~~The A jamb assembly as in Claim~~ of claim 8, said wherein each of said plurality of spaced apart spacing blocks being is spaced from each other along the length of said jamb.

11. (Currently amended) The A jamb assembly as in Claim 2 of claim 1, further comprising ~~at least first and second spacing blocks (68) disposed between said insert and said jamb face plate, said spacing blocks collectively providing a mounting surface which receives a corresponding surface of said insert, whereby said spacing blocks (68) serve as indirect interfaces between said insert and said jamb face plate~~ wherein a single reinforcement plate is longitudinally positioned between two adjacent spacing blocks.

12. (Currently amended) The A jamb assembly as in Claim 8 of claim 11 wherein ~~each of said spacing blocks collectively provide a generally planar mounting surface which receives a corresponding surface of said insert~~ reinforcement plates has at least one hole formed there through.

13. (Currently amended) The A jamb assembly as in Claim 1, further comprising of claim 11 wherein said elongate jamb has a plurality of apertures formed through said face plate and each of said plurality of spaced apart spacing blocks has at least one hole formed there through, and a draw fastener is inserted through at least one of said apertures and a corresponding hole, said draw fastener capable of drawing ~~which draws said corresponding spacing block and said elongate insert toward said jamb face plate.~~

14. (Currently amended) The A jamb assembly as in Claim 8, further comprising a draw fastener which draws said insert toward said jamb face plate of claim 13 wherein said draw fastener draws said elongate insert toward each of said plurality of reinforcement plates.

15. (Currently amended) The A jamb assembly as in Claim 11, further comprising a draw fastener which draws said insert toward said jamb face plate of claim 13 wherein said draw fastener passes completely through said elongate insert and passes into a stud which abuts said elongate jamb.

16. (Currently amended) ~~The A jamb assembly as in Claim 8, said jamb assembly further comprising, in the elongate cavity, one or more elements of door interface hardware (67) permanently mounted to said jamb, said door interface hardware having first thicknesses thereof extending away from said jamb face plate and toward the elongate opening, said spacing blocks collectively providing a mounting surface disposed generally between the elongate opening and said door interface hardware~~ of claim 1 wherein each of said reinforcement plates has a thickness which approximates the thickness of each of said spaced apart spacing blocks.

17. (Currently amended) ~~The A jamb assembly as in Claim 16, further comprising a draw fastener which draws said insert toward said jamb face plate~~ of claim 1 wherein at least three reinforcement plates are spaced between four spacing blocks in each elongate jamb.

18. (Currently amended) ~~The A jamb assembly as in Claim 16~~ of claim 1 wherein said ~~door interface hardware~~ plurality of reinforcement plates interrupts a de minimis portion of, and thereby extends through a de minimis area of, an imaginary plane defining the a mounting surface.

19. (Currently amended) ~~The A jamb assembly as in Claim 8,~~ of claim 1 wherein a projected area of said jamb ~~being is~~ is defined from the direction of the elongate opening, said jamb assembly further comprising, in the said elongate cavity, one or more elements of ~~door interface hardware (67)~~ reinforcement plates permanently mounted to said jamb, and said plurality of spaced apart spacing blocks and said ~~door interface hardware~~ reinforcement plates occupying different portions of the projected area of said jamb.

20. (Currently amended) ~~The A jamb assembly as in Claim 8~~ of claim 1 wherein said plurality of spaced apart spacing blocks extend from said inner flange to said outer flange and contact a portion of said inner surface of said jamb plate.

21. (Currently amended) ~~The~~ A jamb assembly ~~as in Claim~~ of claim 20 wherein said plurality of spaced apart spacing blocks are friction fitted between said inner flange and said outer flange.

22. (Currently amended) ~~The~~ A jamb assembly ~~as in Claim-8~~ of claim 1 wherein both said plurality of spaced apart spacing blocks and said elongate insert are friction fitted between respective portions of said inner and outer flanges.

23. (Currently amended) ~~The~~ A jamb assembly ~~as in Claim~~ of claim 13 wherein both said plurality of spaced apart spacing blocks and said elongate insert are friction fitted between respective portions of said inner and outer flanges.

24. (Original) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 1.

25. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly ~~as in Claim-3~~ of claim 2.

26. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly ~~as in Claim-4~~ of claim 3.

27. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 5~~ of claim 4.

28. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 8~~ of claim 11.

29. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 10~~ of claim 13.

30. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 12~~ of claim 16.

31. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 13~~ of claim 17.

32. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in ~~Claim 16~~ of claim 18.

33. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 19 of claim 19.

34. (Currently amended) A door assembly comprising a hinge jamb assembly, a strike jamb assembly, and a header jamb or header jamb assembly, at least one of said hinge jamb assembly and said strike jamb assembly comprising a jamb assembly as in Claim 22 of claim 20.

35. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 24 of claim 1.

36. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 25 of claim 2.

37. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 26 of claim 3.

38. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 28 of claim 4.

39. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly as in Claim 30 of claim 17.

40. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly ~~as in Claim 32~~ of claim 18.

41. (Currently amended) A building comprising a doorway, and a door assembly in said doorway, said door assembly comprising a door assembly ~~as in Claim 34~~ of claim 19.

42. (Currently amended) ~~The A building as in Claim 35,~~ of claim 35 wherein said door assembly ~~being~~ is mounted in said doorway using a two piece fastener having a detachable head, said two piece fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

43. (Currently amended) ~~The A building as in Claim 38,~~ of claim 36 wherein said door assembly ~~being~~ is mounted in said doorway using a two piece fastener having a detachable head, said two piece fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

44. (Currently amended) ~~The A building as in Claim 40,~~ of claim 37 wherein said door assembly being mounted in said doorway using a two piece fastener having a detachable head, said to piece fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

45. (Currently amended) ~~The A building as in Claim 41,~~ of claim 38 wherein said door assembly being mounted in said doorway using a two piece fastener having a detachable head, said two piece fastener passing into a stud aligned adjacent to said elongate jamb and whereby manipulation of said head is ineffective to remove said fastener from said door assembly.

46. (Currently amended) A building doorway, and a door assembly mounted in said doorway, said doorway being defined by a rough opening and building framing members defining the said rough opening,

- a) said door assembly comprising a plurality of elongate jambs, each having a length, and comprising an inner flange (28), an outer flange (30), and a jamb face plate (32), and an elongate cavity therein extending along the length of said elongate jamb, and defined between said inner and outer flanges and outwardly of said jamb face plate to an elongate opening into the said elongate cavity;
- b) a plurality of spaced apart spacing blocks positioned in said elongate jamb adjacent to said inner surface of said jamb face plate, each of said spacing blocks having a width extending from said inner flange to said outer flange;
- c) a plurality of spaced apart reinforcement plates secured to said inner surface of said jamb face and aligned longitudinally between said plurality of spaced apart spacing blocks;
- d) at least one of said elongate jambs further comprising, ~~as a separate and distinct element, at least one~~ an elongate reinforcing insert having a length and a width, the width of said insert being less than the width of each of said plurality of spacing blocks, said elongate insert being received in the said elongate cavity and extending at least to the said elongate opening, so as to cover both said plurality of spaced apart spacing blocks and said plurality of reinforcement plates, ; and
- e) said rough opening being defined by a single thickness of structural member used to define a frame of said building in facing relationship with said at least one elongate jamb which comprises said ~~reinforcing~~ elongate insert, and wherein a double thickness of said structural member would normally be used to define said rough opening in facing relationship with said at least one

elongate jamb, said elongate insert in said door assembly being structurally mounted to the respective said single thickness structural member so as to provide substantially the same structural strength as the normal double thickness rough opening framing structure.

47. (Original) A building comprising a doorway as in Claim 46.

48. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46 wherein said elongate reinforcing insert interfaces either directly or indirectly with said elongate jamb at at least three spatially-displaced points at a given locus along the length of said elongate jamb.

49. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, said at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb face plate, and wherein a width of said elongate reinforcing insert located between a first element portion of said inner flange and a first element portion of said outer flange extends a distance "D" generally aligned with said inner and outer flanges, thereby filling a substantial portion of the said elongate cavity between said jamb face plate and the said elongate opening.

50. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, said at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb face plate, further comprising at least first and second spaced apart spacing blocks (68) each having a planar surface and each disposed between said elongate insert and said jamb face plate, said planar surface of each of said first and second spaced apart spacing blocks providing a mounting surface which receives a corresponding planar surface of said elongate insert.

51. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 46, said at least one elongate jamb comprising inner and outer flanges, connected to each other by a jamb face plate, said jamb assembly further comprising, in the said elongate cavity, one or more ~~elements of door interface hardware~~ (67) reinforcement plates permanently mounted to said jamb, ~~said door interface hardware~~ each of said reinforcement plates having a first ~~thicknesses thereof~~ thickness extending away from said jamb face plate and toward the said elongate opening, said plurality of spaced apart spacing blocks collectively providing a mounting surface disposed generally between the said elongate opening and said ~~door interface hardware~~ reinforcement plates.

52. (Currently amended) A building doorway, and a door assembly mounted in said doorway opening as in Claim 51 wherein said ~~door interface hardware~~ one or more reinforcement plates interrupts a de minimis portion of, and thereby extends through a de minimis area of, an imaginary plane defining the a mounting surface.

53. (Currently amended) A building doorway and a door assembly mounted in said doorway, as in Claim 46, said at least one elongate jamb being secured to said building framing members which define the said rough opening by at least one two piece fastener, wherein said two piece fastener comprises a threaded fastener body, and as a separate and distinct element, a fastener head, said fastener body and said fastener head being cooperatively configured such that said head can be mounted on said fastener body and thereafter can be used to drive said fastener body through said jamb assembly and into one of said building framing members which define the said rough opening and wherein, after said fastener body had been so driven, said fastener head can be removed from said fastener body and thereby is ineffective to facilitate removal of said fastener body from the respective said building framing member or from said jamb assembly, whereby manipulation of said fastener head is ineffective for releasing said door assembly from the doorway and said fastener head has a circular cross-sectional configuration.

54. (Currently amended) A combination two piece fastener comprising:
a) a fastener body, ~~and as a separate and distinct element, a fastener head~~, said fastener body having a first set of threads having a first

- thread configuration extending from a first end of said fastener body, and a second set of threads having a second thread configuration extending from a second opposing end of said fastener body;
- b) an enlarged fastener head having a first end and a second end, said
said fastener head comprising a bore being closed at one end and
extending longitudinally there along from a said first end thereof
toward said second end, said bore comprising inner threads
corresponding to the said second thread configuration, ~~and a step~~
~~disposed in said bore, and toward a second end of said bore from~~
~~said first end, such that the said fastener head can be threaded onto~~
the said fastener body, and in cooperation with said step in closed
end of said bore, said fastener head, can thereby be used to drive
said fastener, and to accordingly fasten said fastener to a substrate,
and wherein, once said fastener body is driven into a substrate using
said fastener head as a driving tool, said fastener head can be
removed from said fastener body and thereby is ineffective to remove
said fastener body from such substrate.

Amendment to the Drawings:

The attached sheets of drawings include changes to Figs. 1-6, 6A, 6B, 7 and 8. These sheets, which include Figs. 1-6, 6A, 6B, 7 and 8, replace the original sheets including Figs. 1-6, 6A, 6B, 7 and 8.